

SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier ONSET		[WHMIS Classification]	
Product Use			
Manufacturer's Name NECTERNAL		Supplier's Name NECTERNAL	
Street Address PO BOX 2270		Street Address PO BOX 2270	
City IDAHO FALLS		City IDAHO FALLS	
State ID		State ID	
Postal Code 83403	Manufacturer's Telephone 208-419-3355	Postal Code 83403	Emergency Telephone 1-800-262-8200 (Chem Trec)
Date MSDS Prepared 8/22/2014	MSDS Prepared By Midwest Laboratories, Inc.		Phone Number 402-334-7770

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
No known hazardous ingredients	N/A	N/A	N/A	N/A

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
Emergency Overview	Material may cause red, itchy skin, uticaria, and tenderness due to acidic nature of sample.				
WHMIS Symbols	<div style="display: flex; align-items: center;"> <div> <p>Caution</p> <p>Could be a skin irritant if allergic.</p> </div> </div>				
Potential Health Effects	Acidic pH (2.10 S.U.) may cause skin irritation. No known long term health effects.				

SECTION 4 — FIRST AID MEASURES

Skin Contact	Flush with water. Remove contaminated clothing and get medical attention if irritation persists.
Eye Contact	Flush with water for 15 minutes. Contact physician if irritation persists.
Inhalation	N/A
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Give plenty of water and get medical attention if symptoms persists.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction Soluble or dispersed with water. Use DRY chemical powder on small fires.			
Flashpoint (° C) and Method >100°C ASTM D93		Upper Flammable Limit (% by volume) NA – Liquid content boils	Lower Flammable Limit (% by volume) NA – Liquid content boils
Autoignition Temperature (°C) Will not auto ignite		Explosion Data — Sensitivity to Impact Not explosive	Explosion Data — Sensitivity to Static Discharge Not explosive
Hazardous Combustion Products No known hazardous combustion products.			
[NFPA] Not listed.			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Prevent entry into waters of the state. Spills should be diked and absorbed with a general absorbent. Material can be placed in a licensed landfill, or land applied. Follow all local & federal regulations.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment No special procedures for handling the product and no special equipment required.
Storage Requirements No special storage requirements. Acidic nature may cause corrosion in some steel alloy storage containers.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>) Not listed
Specific Engineering Controls (<i>such as ventilation, enclosed process</i>) No special engineering. Acidic pH may cause corrosion on some types of metal alloys.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Wear general purpose gloves if handling in large quantities. Always wear protective eyewear when working with product. Wear protective clothing to cover the skin if individual is allergic to the product.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Dark brown liquid with a mild earthy odor.	Odor Threshold (ppm) Not tested.
Specific Gravity 1.042 g/mL @ 25°C	Vapor Density (air = 1) Not tested.	Vapor Pressure (mmHg) Not tested.
Evaporation Rate Similar to water	Boiling Point (° C) ~ 100°C	Freezing Point (° C) ~ 0°C
pH 2.10 S.U.	Coefficient of Water/Oil Distribution Not tested	[Solubility in Water] Fully soluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizers.
Reactivity and under what conditions? Non reactive to acid, base, or water.	
Hazardous Decomposition Products No known hazardous decomposition products.	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure No known toxicological effects. Material has an acidic pH, but is not caustic to skin.	
Effects of chronic exposure Could develop hypersensitivity over prolonged use and exposure.	
Irritancy of Product Mild irritant	
Skin sensitization Mild sensitizer	Respiratory sensitization Mild sensitizer
Carcinogenicity-IARC Not listed	Carcinogenicity - ACGIH Not listed
Reproductive toxicity Not listed	Teratogenicity Not listed
Embrototoxicity Not listed	Mutagenicity Not listed
Name of synergistic products/effects None known	

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] In concentrated form, may cause depletion of oxygen (organic load). Prevent entry into rivers or lakes of the state.

SECTION 13 — DISPOSAL CONSIDERATIONS

[Water Disposal] Material can be land applied or if collected and absorbed with an absorbent, material can be disposed of in a licensed landfill.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information No special shipping or packaging required.	
	PIN
TDG Not listed	[DOT] Not listed
[IMO] Not listed	[ICAO] Not listed

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] Not listed	[OSHA] Not listed
[SERA] Not listed	[TSCA] Not listed
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.</i>	

SECTION 16 — OTHER INFORMATION

This information hereby is furnished without warranty of any kind. Individual handling the product should only use this information as supplemental information to others gathered. The information used by the parties handling and using the product need to be aware of proper use and disposal of the material.